

# S H S Dananjaya

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

921  
citations

394421

19  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metagenomics analysis of gut microbiota and immune modulation in zebrafish ( <i>Danio rerio</i> ) fed chitosan silver nanocomposites. <i>Fish and Shellfish Immunology</i> , 2017, 66, 173-184.	3.6	93
2	Synthesis, characterization of ZnO-chitosan nanocomposites and evaluation of its antifungal activity against pathogenic <i>Candida albicans</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 108, 1281-1288.	7.5	85
3	Comparative study on antifungal activities of chitosan nanoparticles and chitosan silver nano composites against <i>Fusarium oxysporum</i> species complex. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 478-488.	7.5	79
4	Outcome of co-infection with opportunistic and multidrug resistant <i>Aeromonas hydrophila</i> and <i>A. veronii</i> in zebrafish: Identification, characterization, pathogenicity and immune responses. <i>Fish and Shellfish Immunology</i> , 2018, 80, 573-581.	3.6	67
5	Silver nanoparticles enhance wound healing in zebrafish ( <i>Danio rerio</i> ). <i>Fish and Shellfish Immunology</i> , 2017, 68, 536-545.	3.6	47
6	Feeding of nano scale oats $\beta$ -glucan enhances the host resistance against <i>Edwardsiella tarda</i> and protective immune modulation in zebrafish larvae. <i>Fish and Shellfish Immunology</i> , 2017, 60, 72-77.	3.6	46
7	Enhanced antifungal activity of Ni-doped ZnO nanostructures under dark conditions. <i>RSC Advances</i> , 2016, 6, 108468-108476.	3.6	42
8	Chitosan nanoparticles: A positive immune response modulator as display in zebrafish larvae against <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2018, 76, 240-246.	3.6	42
9	<i>Saprolegnia parasitica</i> Isolated from Rainbow Trout in Korea: Characterization, Anti- <i>Saprolegnia</i> Activity and Host Pathogen Interaction in Zebrafish Disease Model. <i>Mycobiology</i> , 2017, 45, 297-311.	1.7	36
10	In vitro and in vivo antifungal efficacy of plant based lawsone against <i>Fusarium oxysporum</i> species complex. <i>Microbiological Research</i> , 2017, 201, 21-29.	5.3	32
11	Isolation and characterization of phage (ETP-1) specific to multidrug resistant pathogenic <i>Edwardsiella tarda</i> and its in vivo biocontrol efficacy in zebrafish ( <i>Danio rerio</i> ). <i>Biologicals</i> , 2020, 63, 14-23.	1.4	32
12	Characterization of bacteriophage $\phi$ PA and its protective effects on experimental infection of <i>Aeromonas hydrophila</i> in Zebrafish ( <i>Danio rerio</i> ). <i>Journal of Fish Diseases</i> , 2017, 40, 841-846.	1.9	29
13	Marine Microalgae, <i>Spirulina maxima</i> -Derived Modified Pectin and Modified Pectin Nanoparticles Modulate the Gut Microbiota and Trigger Immune Responses in Mice. <i>Marine Drugs</i> , 2020, 18, 175.	4.6	28
14	Antibacterial activity of novel $Cu_2ZnSn_4$ nanoparticles against pathogenic strains. <i>RSC Advances</i> , 2015, 5, 106400-106405.	3.6	27
15	Novel pectin isolated from <i>Spirulina maxima</i> enhances the disease resistance and immune responses in zebrafish against <i>Edwardsiella piscicida</i> and <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2019, 94, 558-565.	3.6	27
16	Green synthesis, physio-chemical characterization and anti-candidal function of a biocompatible chitosan gold nanocomposite as a promising antifungal therapeutic agent. <i>RSC Advances</i> , 2017, 7, 9182-9193.	3.6	26
17	Octominin: A Novel Synthetic Anticandidal Peptide Derived from Defense Protein of <i>Octopus minor</i> . <i>Marine Drugs</i> , 2020, 18, 56.	4.6	26
18	Mitochondrial peroxiredoxin 3 (Prx3) from rock bream ( <i>Oplegnathus fasciatus</i> ): Immune responses and role of recombinant Prx3 in protecting cells from hydrogen peroxide induced oxidative stress. <i>Fish and Shellfish Immunology</i> , 2015, 43, 131-141.	3.6	22

#	ARTICLE	IF	CITATIONS
19	Preparation and characterization of succinyl chitosan and succinyl chitosan nanoparticle film: In vitro and in vivo evaluation of wound healing activity. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1823-1834.	7.5	21
20	Isolation and characterization of phage AHP-1 and its combined effect with chloramphenicol to control <i>Aeromonas hydrophila</i> . <i>Brazilian Journal of Microbiology</i> , 2020, 51, 409-416.	2.0	17
21	Isolation and Characterization of Multidrug Resistance <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> and Its Infecting Novel Phage ASP-1 from Goldfish ( <i>Carassius auratus</i> ). <i>Indian Journal of Microbiology</i> , 2019, 59, 161-170.	2.7	15
22	Octominin: An antibacterial and anti-biofilm peptide for controlling the multidrug resistance and pathogenic <i>Streptococcus parauberis</i> . <i>Fish and Shellfish Immunology</i> , 2021, 110, 23-34.	3.6	14
23	First report of <i>Fusarium oxysporum</i> species complex infection in zebrafish culturing system. <i>Journal of Fish Diseases</i> , 2017, 40, 485-494.	1.9	13
24	Preparation, Characterization, and Antimicrobial Properties of Chitosan-Silver Nanocomposites Films Against Fish Pathogenic Bacteria and Fungi. <i>Indian Journal of Microbiology</i> , 2017, 57, 427-437.	2.7	11
25	Comparative study of preparation, characterization and anticandidal activities of a chitosan silver nanocomposite (CAgNC) compared with low molecular weight chitosan (LMW-chitosan). <i>RSC Advances</i> , 2016, 6, 33455-33461.	3.6	10
26	Succinyl chitosan gold nanocomposite: Preparation, characterization, in vitro and in vivo anticandidal activity. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 63-70.	7.5	10
27	Development of phage delivery by bioencapsulation of artemia nauplii with <i>Edwardsiella tarda</i> phage (ETP-1). <i>Brazilian Journal of Microbiology</i> , 2020, 51, 2153-2162.	2.0	10
28	<i>Candida albicans</i> Infection Model in Zebrafish ( <i>Danio rerio</i> ) for Screening Anticandidal Drugs. <i>Mycopathologia</i> , 2019, 184, 559-572.	3.1	6
29	Stress-immune responses and DNA protection function of thioredoxin domain containing 12 in zebrafish ( <i>Danio rerio</i> ). <i>Fish and Shellfish Immunology</i> , 2019, 84, 1030-1040.	3.6	3
30	Complete genome sequence analysis and phylogenetic classification of the novel <i>Aeromonas</i> phage AHP-1, a potential member of the genus <i>Tequatrovirus</i> . <i>Archives of Virology</i> , 2022, 167, 1225-1230.	2.1	3
31	Chitosan Based Silver Nanocomposites (CAgNCs) Display Antibacterial Effects against <i>Vibrio ichthyenteri</i> . <i>Journal of Veterinary Clinics</i> , 2017, 34, 261-267.	0.1	2